PHONIX

Guest Lecture by Dr. S.R. Sathe

A Guest Lecture on, "NP- Complete Theory" was delivered by Prof. S R Sathe (HoD CSE VNIT) on Friday 20/07/12. The beneficiaries were, around 110 students of PG I Semester, Computer Science & Engg. Dept. of GHRCE.

Dr. Sathe told the students, the importance of topic in current scenario in computational science. Sir also made students acquainted with the break through research work done by Dr. Manindar Aggrawal of IIT Kanpur, on the given topic. The topic covered in Guest Lecture, is suppose to be the most difficult topic in computational science.

Guest Lecture by Dr. U Deshpande on Distributed Operating Systems

A guest lecture on the topic " Byzantine agreement, agreement protocol, commit protocol", was delivered by Dr. U A Deshpande (Associate Prof. VNIT)on Wednesday 04/07/12. The topic was of the subject Distributed Operating System/ Distributed Computing.

Around 70 students of PG-CSE/WCC, Semester I, were on understanding the, supposed to be the difficult topic of the subject.

Guest Lecture by Mr. Nayan Patil on Networking

A marathon three hours guest lecture on networking was delivered on Friday 06/07/12, by Mr. Nayan Patil for students of UG CSE-A, semester V. The guest lecture was very interactive. Sir asked many questions during the session, to which students answered very enthusiastically.

Mr. Nayan Patil is working as network engineer in industry with CCNA, CCWA, CCNP, MCSE,MCITP certificates to his credit as of date.

Finalization of UG Project Titles

Department Of Computer Science And Engineering had organised Industry expert Lecture/ Discussion on UG Projects held on 21-7-2011. For finalization of UG project titles. Mr. Sunny Deshmukh, Persistent Nagpur and Mr. Bigyan Mishra, Infocepts Nagpur suggested area for UG projects are Social media application ,mobile application ,e-commerce ,M-commerce, cloud based solution, localized software and service, software as service, copyright infringement, micro strategies ,networking solution on various issues.

Mr. Sunny Deshmukh, Mr. Bigyan Mishra 40 titles were finalized including network based, mobile based, industry based. Total number of student's beneficiaries is 150.

Window 8 Article

Having recently removed the "Live" from the names of its free downloadable consumer apps, Windows Movie Maker and Windows Photo Gallery, Microsoft is making up for the loss by adding useful new features.

The updated media-editing and organizing apps, which are part of Windows Essentials, work with Windows 7 and Windows 8. But they will see a bigger boost in Microsoft's new OS, Brad Weed, a group program manager at Microsoft, wrote in a blog post.

In Windows 8, Windows Movie Maker (formerly Windows Live Movie Maker), will add a new Video Stabilization button, with options for anti-shake and wobble corrections. With the proliferation of handheld cell phone videos, this can only be a good thing, but even professional video-editing software on powerful computers can take a long time to effectively stabilize shaky footage. Microsoft has posted a video (below) demonstrating the stabilization of a mountain biker's head-mounted camera. Stay tuned for PCMag testing notes and results.

Movie Maker also gets new sound capabilities. It now lets you record voice-over narrations, and Microsoft has partnered with AudioMicro, Free Music Archive, and the Vimeo Music Store to offer licensed background music for your video projects. The editor also now shows audio waveforms beneath clips so you can see the patterns of the music and narration. Narration can either be recorded as a new track on

your PC, or taken from a previously recorded video or audio file. Mixing tools let you emphasize the video's original sound, the narration, or the background music.

Finally, among Movie Maker's new tools is the ability to outline text (or in Photoshop terms, "stroke" it) so that it stands out from the background.

Output and sharing options have been changed and augmented in the new version of Movie Maker, too. Now, the default output file is an MP4 using the H.264 codec. This is a far more popular format than the WMV files that Movie Maker used to output. For sharing it online, you can now publish your video directly to Vimeo with one click. Vimeo was one of the first video-sharing sites to offer HD, and has cache as a venue for serious videographers.

The blog post only noted one new feature for Windows Photo Gallery—an auto-collage effect that artistically arranges seven or more photos. Rival Picasa has had collage creation for years, and boasts built-in geo-tagging maps, which are still absent in Windows Photo Gallery. But Microsoft's photo editor includes a surprisingly good panorama creator.

To try out the new versions, you can download them from Windows Essentials 2012. You can also read PCMag's reviews of Windows Live Photo Gallery and Windows Live Movie Maker, which we'll update for the new versions in the coming days.

Publication by Faculty

Name of Faculty	Title	Publication
S.U.Nimbhorkar Dr.L.G malik	A survey on Elliptic Curve Cryptography (ECC)	International Journal of Advanced Studies in Computer Sciences and Engineering (IJASCSE) issue July2012(published 5 july2012),online version ISSN 2278-7917
Deepti Theng Dr. L. G. Malik S. U. Nimbhorkar	Efficient Computational Strategy for Cloud Computing Environment	Proceedings of Int. Conference on Computer Science and Information Technology (ICCSIT), ISBN: 978-93-81693-75-9, Pune, 14th July 2012.

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